

**Notice of Allowability**

Application No.

10/099,767

Examiner

Michael Burleson

Applicant(s)

ABHYANKAR ET AL.

Art Unit

2625

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/27/2006.
2. ☒ The allowed claim(s) is/are 2-4,6-8,18-20,23,25-27,29-35,39-58,60,61 and 63-66.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

DOUGLAS Q. TRAN  
PRIMARY EXAMINER

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## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see page 1, filed 11/27/2006, with respect to 2-4,6-8,18-20,23,25-27,29-35,39-58,60,61 and 63-66 have been fully considered and are persuasive. The rejection of 2-4,6-8,18-20,23,25-27,29-35,39-58,60,61 and 63-66 has been withdrawn.

### ***Allowable Subject Matter***

2. Claims 2-4,6-8,18-20,23,25-27,29-35,39-58,60,61 and 63-66 are allowed.

1. The following is an examiner's statement of reasons for allowance: Regarding claims 2 and 25, prior art references fails to teach of an input handler for accepting a preservation request and for accepting input metadata associated with data record to form a metadata record and convert data record and metadata record to a formatted data record, a data processor for accepting formatted data record, for generating at least one preview image from said formatted data record, and for encoding, from said formatted data record, a print file; a preservation medium for recording said print file; a writer for marking said print file onto said preservation medium to form a human-readable preserved data record; a display for representing said at least one preview; a storage apparatus for safekeeping of said human-readable preserved data record; a data recovery apparatus for obtaining, from said human-readable preserved data

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record, said data record and said input metadata record; and wherein said at least one preview image is conditioned by a look-up table.

2. Regarding claims 3 and 26, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is conditioned by a spatial filter.

3. Regarding claims 4 and 27, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is bitonal.

4. Regarding claims 6 and 29, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is an RGB color image.

5. Regarding claims 7 and 30, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is a CMY color image.

6. Regarding claim 8, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is conditioned by a spatial filter.

7. Regarding claim 18, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said display comprises a CRT.

8. Regarding claims 19 and 42, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said display comprises a touch screen.

9. Regarding claim 20, prior art fails to teach all of the limitations, as stated by claim 2, as well as, an operator console for entering instructions.

10. Regarding claim 23, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said data processor is connected on a network.

11. Regarding claim 31, prior art fails to teach all of the limitations, as stated by claim 2, as well as, at least one preview image is a palletized color image.

12. Regarding claim 32, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said preservation medium is photosensitive.
13. Regarding claim 33, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said preservation medium comprises a metal plate.
14. Regarding claim 34, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said preservation medium comprises a thermal medium.
15. Regarding claim 35, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said preservation medium is an electrophotographic medium.
16. Regarding claim 39, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said writer images using an electron beam.
17. Regarding claim 41, prior art fails to teach all of the limitations, as stated by claim 2, as well as, said writer images using a radiant energy source.
18. Regarding claim 43, prior art references fails to teach of a method preserving data comprising processing encoded data record to provide at least one preview page and displaying the at least one preview page and accepting a print instruction.
19. Regarding claim 63, prior art fails to teach of a system for converting said data record to a rasterized image; preprocessing said rasterized image to generate a preprocessed image; simulating a retrieved data record to generate a simulated retrieved data record comprising: simulating a media writer; simulating a media; simulating a retrieval scanner; post processing said simulated retrieved data record to generate a post processed simulated retrieved data record; displaying said post processed simulated retrieved data record; prompting a user for approval of said post

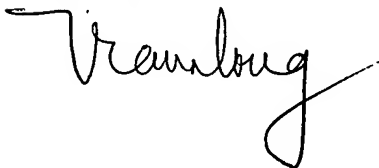
processed simulated retrieved data record; if said post processed simulated retrieved data record is approved by said user, write said preprocessed image to said media; if said post processed simulated data record is not approved by said user, cancel preservation operation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication should be directed to Michael Burleson whose telephone number is (571) 272-7460 and fax number is (571) 273-7460. The examiner can normally be reached Monday thru Friday from 8:00 a.m. – 4:30p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached at (571) 272-7437.

**DOUGLAS Q. TRAN**  
**PRIMARY EXAMINER**



Michael Burleson  
Patent Examiner  
Art Unit 2626

